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1853 Strombeek-Bever (BE)(62) Document number(s) of the earlier application(s) in  
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## (54) Foamed cleaning compositions and method of treating textile fabrics

(57) The present invention relates to a foam composition for cleaning textiles comprising detergent active components, the detergent active components comprising a surfactant system, the surfactant system consisting of anionic surfactant and, optionally, nonionic surfactant wherein the composition comprises at least 18% by weight of surfactants selected from the group consisting of alkyl sulphate, alkyl ether sulphate, or mixtures thereof.

The present invention also relates to a method of cleaning using the foam compositions, and to packaged products for dispensing the foam compositions.



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)		
X	EP 0 586 295 A (NLN) 9 March 1994 (1994-03-09) * abstract * * page 3, line 23 - line 38 * * page 4, line 53 * * claims; example 2 * ---	1,4,8,9	C11D17/00 C11D11/00 C11D17/04 C11D1/29 C11D1/65 C11D3/36 C11D1/86		
A	US 3 919 101 A (ANSTETT RAYMOND MICHAEL ET AL) 11 November 1975 (1975-11-11) * column 3, line 40 - line 53 * * column 5, line 16 - line 18 * * column 5, line 29 - line 36 * ---	1-9			
A	FR 2 345 996 A (GILLETTE CO) 28 October 1977 (1977-10-28) * page 16, line 2 - line 4 * ---	1-9			
D,A	US 4 242 377 A (FURGAL HENRY P ET AL) 30 December 1980 (1980-12-30) * the whole document * ---	1-9			
A	WO 94 02109 A (DOWBRANDS INC) 3 February 1994 (1994-02-03) * page 3, last paragraph * * examples * ---	1-9	TECHNICAL FIELDS SEARCHED (Int.Cl.6) C11D		
A	DATABASE WPI Section Ch, Week 8641 Derwent Publications Ltd., London, GB; Class A97, AN 86-269639 XP002113512 & JP 61 197695 A (DAISAN KOGYO KK), 1 September 1986 (1986-09-01) * abstract * -----	1,3,4,8, 9			
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
BERLIN	7 September 1999	Pelli Wablat, B			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document					
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document					

ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

07-09-1999

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0586295	A	09-03-1994	FR	2695133 A	04-03-1994
US 3919101	A	11-11-1975	CA	941259 A	05-02-1974
			CH	549637 A	31-05-1974
			DE	2110750 A	07-10-1971
			DE	2232411 A	01-03-1973
			FR	2084754 A	17-12-1971
			FR	2145537 A	23-02-1973
			GB	1343312 A	10-01-1974
			GB	1393408 A	07-05-1975
			US	3736259 A	29-05-1973
			ZA	7101151 A	27-09-1972
			IT	965899 B	11-02-1974
			PH	9585 A	19-01-1976
			ZA	7204236 A	27-02-1974
FR 2345996	A	28-10-1977	BR	7702046 A	16-11-1977
			DE	2713841 A	13-10-1977
			IT	1081943 B	21-05-1985
US 4242377	A	30-12-1980	NONE		
WO 9402109	A	03-02-1994	AU	4786893 A	14-02-1994
			BR	9306897 A	08-12-1998
			CN	1087380 A	01-06-1994
			EP	0652739 A	17-05-1995
			ES	2075820 A	01-10-1995
			FI	950373 A	27-01-1995
			HU	70703 A	30-10-1995
			JP	7509513 T	19-10-1995
			MX	9304511 A	31-01-1995
			NO	950309 A	27-01-1995
			PL	307296 A	15-05-1995
			US	5602091 A	11-02-1997
JP 61197695	A	01-09-1986	NONE		